

What is Claimed is:

1. A user-to-user communication system via a network comprising:

transmission means for recognizing a first audio signal which is inputted from a
5 user, converting the first audio signal into a first text data, and transmitting the
converted first text data, applied with a transmission code, into a counterpart terminal
via the network; and

receiving means for receiving a data applied with a transmission code from the
counterpart terminal and converting the data into a second audio signal to output the
10 same via a speaker.

2. A user-to-user communication system via a network in accordance with
claim 1, wherein the transmission means comprises:

an audio recognition block for recognizing the first audio signal inputted from
15 the user;

a text converter block for converting the first audio signal recognized in the
audio recognition block into the first text data;

a data synthesizer block for synthesizing the converted first text data with a text
transmission code; and

20 a data transmission block for transmitting the first text data having the text
transmission code synthesized thereto into the counterpart terminal via the network.

3. A user-to-user communication system via a network in accordance with
claim 2, wherein the transmission means further comprises:

25 an audio compressing block for compressing the first audio signal from the

audio recognition block into an audio data if the first audio signal is incompletely recognized; and

a data synthesizer block for synthesizing the audio data compressed in the audio compressing block with an audio transmission code and transmitting the synthesized audio data into the counterpart terminal via the data transmission block.

4. A user-to-user communication system via a network in accordance with claim 1, wherein the receiving means comprises:

a data-receiving block for receiving the data including the transmission code from the counterpart terminal;

data separating means for judging the kind of the received data based upon the transmission code included therein to separate a second text data; and

an audio signal converting block for converting the second text data, which is separated from the data separating means, into the second audio signal to output the same.

5. A user-to-user communication system via a network in accordance with claim 4, wherein the receiving means further comprises:

a decompressing block for decompressing a compressed audio signal to output the same via the speaker if the received data is judged as the compressed audio data in the data separating means.

6. A user-to-user communication system via a network in accordance with claim 1, wherein the network is a wire or wireless network.

7. A user-to-user communication method via a network, the method comprising the following steps of:

- (a) recognizing a first audio signal inputted from a user;
- (b) converting the recognized first audio signal into a first text data;
- 5 (c) synthesizing the converted first text data with a text transmission code;
- (d) transmitting the first text data synthesized with the text transmission code into a counterpart terminal via the network and receiving a data including a transmission code from the counterpart terminal;
- (e) judging the kind of the received data based upon the transmission code
- 10 included therein to separate a second text data; and
- (f) converting the separated second text data into a second audio signal to output the same via a speaker.

8. A user-to-user communication method via a network in accordance with claim 7, further comprising the steps of:

- (g) compressing the inputted first audio signal into a first audio data if the first audio signal is not recognized in the recognizing step (a); and
- (h) transmitting the compressed first audio data into the counterpart terminal, synthesized with an audio transmission code.

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9. A user-to-user communication method via a network in accordance with claim 7, if the received data is judged as a compressed audio data in the judging and separating step (e), further comprising the step of: (i) decompressing the compressed audio data to output the same via the speaker.

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10. A user-to-user communication method via a network in accordance with claim 7, wherein the network is a wire or wireless network.

11. A digital processor-readable record medium including a realized program
5 of command languages which can be executed by a digital processor for carrying out a user-to-user communication method via a network, the program is executed in the following steps of:

recognizing a first audio signal inputted from a user;

converting the recognized first audio signal into a first text data;

10 synthesizing the converted first text data with a text transmission code;

transmitting the first text data synthesized with the text transmission code into a counterpart terminal via the network, and receiving a data including a transmission code from the counterpart terminal and judging the kind of the received data based upon the transmission code included therein to separate a second text data; and

15 converting the separated second text data into a second audio signal to output the same via a speaker.